

IN THE CLAIMS:

Please amend claim 24.

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-23. (Canceled)

24. (Currently Amended) A method for identifying a compound which binds to a polypeptide selected from the group consisting of:

a) a polypeptide comprising an amino acid sequence which is at least 95% identical to the amino acid sequence of SEQ ID NO:4, wherein the polypeptide has a B7-like co-stimulatory activity selected from the group consisting of: ability to ~~up-regulate~~modulate T-cell proliferation, ability to ~~up-regulate~~modulate cytokine production of a cytokine selected from the group consisting of IL-2, IL-4, IL-5, IL-10, IFN γ , and TNF α , ~~ability to up-regulate molecules that mediate cell-cell interaction~~, and ability to ~~up-regulate~~modulate antibody secretion by B-cells;

b) a polypeptide encoded by a nucleotide sequence which is at least 95% identical to the nucleic acid sequence set forth in SEQ ID NO:3, or at least 95% identical to the nucleic acid sequence of SEQ ID NO:21, wherein the polypeptide has a B7-like co-stimulatory activity selected from the group consisting of: ability to ~~up-regulate~~modulate T-cell proliferation, ability to ~~up-regulate~~modulate cytokine production of a cytokine selected from the group consisting of IL-2, IL-4, IL-5, IL-10, IFN γ , and TNF α , ~~ability to up-regulate molecules that mediate cell-cell interaction~~, and ability to ~~up-regulate~~modulate antibody secretion by B-cells; and

c) a polypeptide comprising the amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number PTA-2085;

the method comprising:

i) contacting a sample comprising the polypeptide with a test compound under conditions suitable for binding; and

ii) detecting binding of the test compound to the polypeptide;

thereby identifying a compound which binds to the polypeptide.

25. (Previously Presented) The method of claim 24, wherein the sample is an isolated polypeptide, or a cell comprising the polypeptide.

26. (Previously Presented) The method of claim 25, wherein the cell is a mammalian cell.